

Examiner's Copy

AN 1988-010814 [02] WPIDS

DNC C1988-004899

TI Wear and corrosion resistant **copper** alloy - contains
zinc, lead, tin, aluminium, manganese and
silicon.

DC M26

PA (NIHA) NIPPON MINING CO

CYC 1

PI JP 62274036 A 19871128 (198802)* 3p

ADT JP 62274036 A JP 1986-117454 19860523

PRAI JP 1986-117454 19860523

AB JP 62274036 A UPAB: 19930923

The **Cu** alloy comprises (by wt.) 10-45% **Zn**, 0.005-0.10%

P, 0.05-1.0% **Sn**, 0.05-1.0% **Al**, 0.1-6.0% **Mn**,

0.05-3.0% **Si** and **Cu** and impurities. The alloy may

contain further 0.005-2.0% in total at least one of **Fe**, **Pb**, **As**,

Sb, **B**, **Ni**, **Co**, **cr**, **te**, **In**,

Ti, **Zr**, **Hf**, **Be**, **Mg**, **Ag**, **Cd** and **Ge**.

USE - For hydraulic parts and machine parts, such as bearings and
gears, used under high speed and high load.

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